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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/824,437

04/15/2004

Lutz Brunnabend

11884/412001

6301

23838

7590

11/22/2006

KENYON & KENYON LLP  
1500 K STREET N.W.  
SUITE 700  
WASHINGTON, DC 20005

EXAMINER

CABUCOS, MARIE G

ART UNIT

PAPER NUMBER

2163

DATE MAILED: 11/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/824,437

Applicant(s)

BRUNNABEND ET AL.

Examiner

Marie Antoinette Cabucos

Art Unit

2163

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 15 April 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Drawings***

Figure 5 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Claim Rejections - 35 USC § 101***

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 9-13 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

Claims 9-13 are directed towards method steps, which can be practiced mentally in conjunction with pen and paper, therefore, they are directed to non-statutory subject matter. Specifically, as claimed, it is uncertain what performs each of the method steps. The claimed steps do not define a machine or computer implemented process. (The examiner suggests applicant to change "method" to "computer implemented method" in the preamble to overcome the outstanding 35 U.S.C. 101 rejection). In addition, claims

9-13 are rejected under 35 U.S.C. 101 because the claimed invention lacks patentable utility. (i.e. the responsive correction management software application must be stored in a computer readable medium, and executed by a computer element to perform control technical procedures.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Vaitzblit et al (US Publication no. 2005/0097149).

Regarding claims 1, 9 and 14, Vaitzblit discloses in figures 1, 4 and 6 a correction server system comprising a data flow manager (124), responsive to read requests from agents to a database, to store a read history identifying a relationship between a database entity being read and an entity created from the database entity, and

a correction server (audit repository) that, when corrections are made to the database, identifies corrected entities in a corrected entity log and compares the corrected entity log against the read history to identify entities rendered possibly inconsistent due to the correction (paragraph 0009-0011).

Regarding claims 2-4, 10, 11, 15 and 16, Vaitzblit discloses in figures 1, 4 and 6 a correction server system of claim 1, further comprising the reading component, which generates a new entity from the database entity that is read and stores it in the database (figure 1); wherein the read history log identifies leading and dependent entities, a leading entity being a database entity that is read by a component and a dependent entity being a new object entity created from the database entity that is read (trace data); wherein the read history log stores paired leading entity identifiers and dependent entity identifiers relating to the prior accesses (paragraph 0013-018); and wherein the comparison is made between an entity identifier from the corrected entity log and the leading entity identifier from the read history log (paragraph 0011).

Regarding claims 5, 6, 12 and 17, Vaitzblit discloses in figures 1, 4 and 6 a correction server system of claim 1, wherein the correction server receives correction data that includes an identifier of a database entity being corrected, an indication of fields within the database entity that are being changed and an identification of field values that are changed (paragraph 0013-0015); wherein the corrected entity log stores all the correction data noted in claim 5 (transaction log, paragraph 0009); and wherein the correction includes an entity identifier of the first database entity and an indication of fields within the first database entity being corrected (figure 11).

Regarding claims 7, 8, 13 and 18, Vaitzblit discloses in figures 1, 4 and 6 a correction server system of claim 1, wherein the correction server further comprises a filtering agent that compares correction information to filtering criterion and stores the correction information in the corrected entity log only if the correction information

Art Unit: 2163

matches the filtering criterion (paragraph 0044); wherein the correction server further includes a user interface that permits review and display of the corrected entity log, the user interface providing a "jump to" feature that, when activated with respect to an entry of the log causes a data entity referenced by the entry to be retrieved and displayed (paragraph 0015-0018); and further comprising comparing the correction request to filtering criteria and performing the storing and comparing unless the correction request does not satisfy the filtering criteria (paragraph 0044, 0062 and 0088).

### ***Pertinent Prior Art***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Prior art of record to Dias et al (US Patent no. 5,37,731) discloses an intelligent page store for concurrent and consistent access to a database by a transaction processor and a query processor.

Prior art of record to Hallmark et al (US Patent no. 5,452,445) discloses a two-pass multi-version read consistency.

Prior art of record to Paul Reiner (US Patent no. 6,219,676) discloses a methodology for cache coherency of web server data.

Prior art of record to Perell et al (US Publication no. 2001/0047347) discloses a data certification and verification system having a multiple-user-controlled data interface.

Prior art of record to Hiroki Takaoka (US Publication no. 2003/0065584) discloses a vehicle sales support system, vehicle sales support program and vehicle sales support method.

Prior art of record to Burrill et al (US Publication no. 2004/0049480) discloses a system and method for processing control data.

Prior art of record to Tschiegg et al (US Publication no. 2005/0192963) discloses a risk management information interface system and associated methods.

### ***Inquiry***

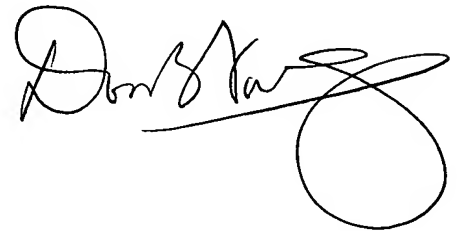
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marie Antoinette Cabucos whose telephone number is 571-272-8582. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don K. Wong can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2163

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Marie Antoinette Cabucos  
Examiner  
Art Unit 2163

A handwritten signature in black ink, appearing to read 'Marie Cabucos', with a large, stylized circular flourish at the end.